

ABSTRACT OF THE DISCLOSURE

A home robot controlled by a remote supercomputer. When a user gives a voice command to the home robot, the home robot A/D converts the voice command and transmits the converted command to the supercomputer through a home gateway and a communication network. A control unit in the supercomputer interprets the voice command. Service modules produce appropriate response commands based on the interpreted voice command. The response commands are transmitted to the home robot over a communication network. A control unit in the home robot receives the response commands, and upon analysis thereof, controls one or more actions of the home robot by generating one or more of a digital voice signal, motion control signal and an image signal. The digital voice signal is converted to an analog signal for reproduction through a speaker. A driving unit moves body components of the home robot in response to one or more of the motion control signals from the control unit. A display unit displays an image in response to the image signal.